

INTERNATIONAL SEARCH REPORT

International Application No

IB2004/050553

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H04N5/455 H04L27/06

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H03D H04B H04L H04N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, INSPEC, COMPENDEX

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 933 767 A (HYAKUTAKE JUNICHI) 12 June 1990 (1990-06-12) column 4, lines 28-35 column 4, lines 43-46 column 6, lines 15-26; figures 6,7,9,10	1-4, 10-13
A	US 4 253 189 A (CARDOT CLAUDE ET AL) 24 February 1981 (1981-02-24) column 1, lines 24-28	5-9
A	US 3 750 026 A (WATANABE K) 31 July 1973 (1973-07-31) abstract; figure 7	7

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Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents:

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the international filing date

L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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Z document member of the same patent family

Date of the actual completion of the international search

20 September 2004

Date of mailing of the international search report

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	BENNETT W R ET AL: "METHODS OF ESTABLISHING A REFERENCE CARRIER FOR SYNCHRONOUS DETECTION" DATA TRANSMISSION, NEW YORK, MC.GRAW-HILL, US, 1965, pages 252-259, XP000793807 figures 13-4	7
A	US 4 272 845 A (FIUMANI FRANCESCO) 9 June 1981 (1981-06-09) abstract; figure 1	7

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Information on patent family members

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